YAKOVLEV, N.N.; Prinimali uchastiye: GURAL'NIK, R.M., vrach; FUKISHEV, S.P., vrach; KUZNETSOV, M.M., vrach; MAR'YANOVSKIY, D.M., vrach; SELIVANOVA, T.M., vrach; STEPANOVA, Ye.S., vrach; VOLKOV, V.M., shef-povar

Diet for athletes during the 17th Olympic games in Rome. Vop. pit. 20 no.3:47-51 My-Je '61. (MIRA 14:6)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta fizicheskoy kul'tury.

(ATHLETES--NUTRITION) (ROME--OLYMPIC GAMES)

USSR/Physics - Photoconductors, Lead Sulfide Sep 52

"Electromicrographic Investigation of Lead Sulfide Photoconductors," R. Ya. Berlaga, S. N. Gural'nik, and M. A. Rumsh

Vest Leningrad U. Ser Mat, Fiz i Khim, No 9, pp 134-136

Description of a preliminary diffraction study, conducted with an electronograph designed by V. A. Kolpinskiy, on the images of variously prepared nonsensitized and sensitized PbS specimens, which study shows that layers prepd by sublimation of PbS in

252T105

vacuo possess a crystal structure of the NaCl type with constant a=5.92Å, and that layers of PbS heated in air at 250-300° C for 5-10 min contain also PbO·PbSO$_4$, which increases in relative quantity and crystal size with increasing temp and sensitizing time.

PA 252T105

252T105

9(2) SOV/115-59-3-18/29

AUTHOR: Gural'nik, S.N., and Zaslavskiy, A.N.

TITLE: A Magneto-Electric Loop Vibrator With Concentrated Liquid Damping (Magnitoelektricheskiy shleyfovyy vibrator s sosredotochennym zhidkostnym uspokoyeniyem)

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 3, pp 39-41 (USSR)

ABSTRACT: The possibilities for applying light-beam oscillographs for recording high-speed processes are limited, mainly because of the own frequency of the loop vibrator. It is very difficult to achieve an increase of the own frequency of the vibrator designs presently used. The authors therefore suggest a vibrator design which is radically different from the "classic" systems, by using the principle of concentrated liquid damping (Author's Certificate Nr 102877 and Nr 106854). The mobile part of the vibrator with concentrated liquid damping is not submerged in a liquid filled housing. The loop passes thru some miniature reservoirs, located in some

Card 1/3

A Magneto-Electric Loop Vibrator With Concentrated Liquid Damping

limited sections within the working gap of the magnetic system, as shown by figure 1. The working reservoirs are built as cylindrical capillary tubes in which the liquid is kept by the capillary forces alone. The capillary tubes are filled thru auxiliary capillaries, thus the main tubes are always completely filled. Tests with this vibrator damping showed that the length of service is practically unlimited. The own frequency of such a vibrator with concentrated liquid damping is about 80-100% of its own frequency in air, which means that it exceeds twice the frequency of a vibrator submerged in the damping liquid. Also the adjusting of a vibrator with concentrated liquid damping is much simpler, thus these devices may be mass-produced. A table shows the basic parameters of two series of loop vibrators with concentrated liquid damping N135 and N136 which will be produced by the plant "Vibrator". Vibrators of type N135 will be used with MP02

A Magneto-Electric Loop Vibrator With Concentrated Liquid Damping

oscillograph while the type N136 is to be used with new oscillograph models. Figure 4 shows a graphical comparison of the different loop vibrator series which are superior not only to other Soviet models but even to the best foreign models. There are 2 diagrams, 1 table and 4 graphs.

L 05086-67
ACC NR: AP6013258 SOURCE CODE: UR/0413/66/000/008/0048/0048

AUTHORS: Gural'nik, S. N.; Samus'yev, B. A.

ORG: none

TITLE: An oscillographic galvanometer mounting. Class 21, No. 180692

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 48

TOPIC TAGS: galvanometer, electric measuring instrument

ABSTRACT: This Author Certificate presents an oscillographic galvanometer mounting with a mobile pickup loop fastened to the tension wires in the tubular casing. The design makes it possible to regulate the position of the pickup loop in the operating gap. The ends of the galvanometer casing are made with grooves in which the tension wire holders are positioned. The tension wire holders have a space which makes it possible to shift the holders in a direction perpendicular to the longitudinal axes of the galvanometer and parallel to the plane of the pickup loop. To provide visual control for positioning the pickup loop in the working gap and to facilitate the installation, the galvanometer casing is provided with viewing windows. One of the holders of the tension wires is made in the form of a P-shaped

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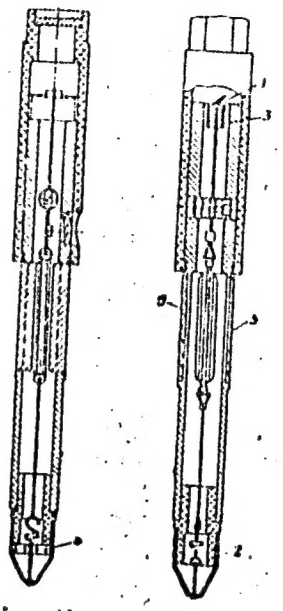
UDC: 621.317.715.5

L 05082-67
ACC NR: AP6013258

Fig. 1. 1 and 2 - grooves in the galvanometer casing; 3 and 4 - tension wire holders; 5 - viewing windows



bracket (see Fig. 1). The bracket has a tab for fastening the tension wire. Orig. art. has: 1 figure.

Card 2/2 1C SUB CODE: 09, 14/ SUBM DATE: 16Nov62

L 38591-65 EWT(d) Po-4/Pq-4/Pg-4/Pk-4/Pl-4
ACCESSION NR: AP5004608 S/0115/64/000/012/0028/0029

AUTHOR: Gural'nik, S. N.

TITLE: Frequency response of loop-type oscillograph galvanometers

SOURCE: Izmeritel'naya tekhnika, no. 12, 1964, 28-29

TOPIC TAGS: oscillograph, electromagnetic oscillograph, oscillograph galvanometer

ABSTRACT: An experimental investigation of these damping methods used for oscillograph galvanometers is briefly reported: (a) two dampers not filled with liquid; no damping; two pronounced and three small peaks on the frequency curve; (b) one of the dampers is filled with a high-viscosity liquid; three peaks persist; (c) both dampers are filled with the same liquid; all previous peaks disappeared, but a new peak at $2f_0$ frequency appeared; (d) a low-viscosity liquid is used for damping; some peaks present. The above experiments have shown that, with a

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L 38591-65
ACCESSION NR: AP5004608

concentrated liquid damping of galvanometers, two types of frequency-response distortions occur: (a) those due to the limited damped segments and (b) those due to the complicated nature of the loop (string effect). By using the above experimental data, the number and deployment of dampers can be determined which will render the distortion negligible. Orig. art. has: 1 figure and 1 formula.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: EE

NO REF SOV: 001 OTHER: 000

Card 2/2 llc

GURAL'NIK, S. Ye.

KOROTKOVA, Yu.K., dotsent; GURAL'NIK, S.Ye., subordinator

Using a block in treating Meniere's disease and trigeminal neuralgia. Vest. oto-rin.16 no.3:37-40 My-Je '54. (MLRA 7:7)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. dotsent Yu.K. Korotkova) Yaroslavskogo meditsinskogo instituta.

(TRIGEMINAL NEURALGIA, therapy,
*procaine, intranasal nerve block)
(PROCAINE, therapeutic use,
*Miniere's dis. & trigeminal neuralgia, intranasal nerve block)
(MENIERE'S DISEASE, therapy,
*procaine, intranasal nerve block)
(ANESTHESIA, REGIONAL,
*intranasal procaine nerve block in Meniere's dis. & trigeminal neuralgia)

GURAL'NIK, S.Yo.

Some data on age changes in nerve cells of the geniculate and vestibular ganglia in man [with summary in English]. Vest.oto.-rin 20 no.4:24-28 Jl-Ag'58 (MIRA 11:7)

1. Iz kafedry gistologii (zav. - prof. I.I. Gutner) i kafedry bolezney ukha, gorla i nosa (zav. - dots. Yu.K. Korotkova) Yaroslavskogo meditsinskogo instituta.

(GANGLIA, anat. & histol.
geniculate & vestibular ganglia, eff. of aging on nerve cells (Rus))
(AGING, eff
on nerve cells of geniculate & vestibular ganglia (Rus))
(NERVES, FACIAL, PHYSIOL.
eff. of agin on nerve cells of geniculate ganglia (Rus))

GURAL'NIK, Ye. L., Engr

USSR/Metals - Welding Sep 50

"Flame Hardening of Rail Ends on Railroad Tracks," Engineers I. F. Sharov, and Ye. L. Gural'nik

"Avtogen Delo" No 9, pp 25-27

Procedure of flame hardening and tempering ends of rails on RR tracks in operation. Medium-pressure injector-type torch (GPZ-1) was accepted as best heating appliance. Hourly consumption of acetylene is 1850-1950 l; oxygen, 1900-2000 l. Heating head has 24 holes of 0,65 mm diameter spaced at 3 mm intervals. Acetylene generator with productive capacity of 2000-2500 l/hr was part of equipment. Method, in use since 1948, is being applied more widely.

PA 167T81

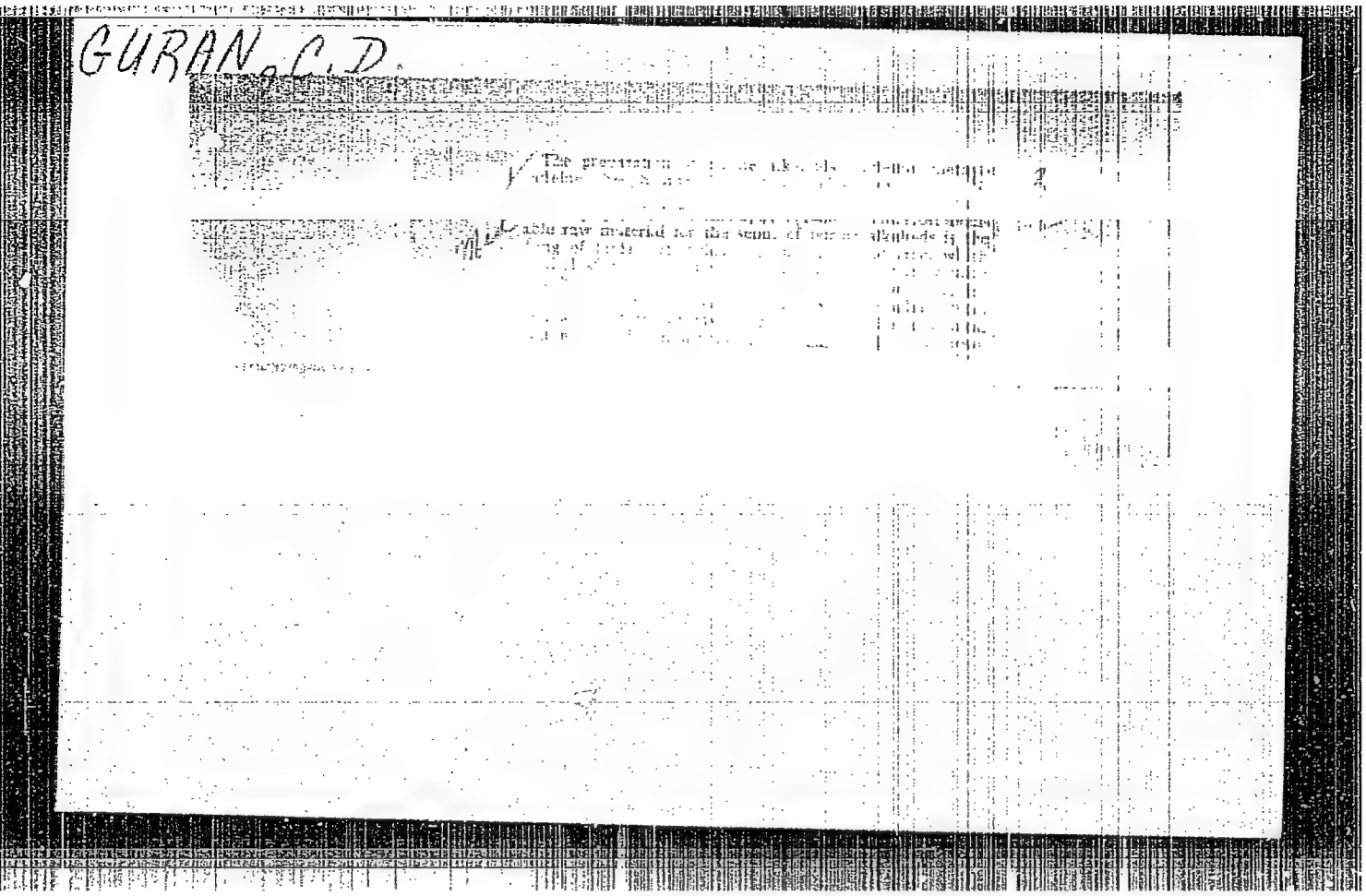
RABINOVICH, A.Ya.; DIMOV, L.V.; SHAROV, I.F.; GURAL'NIK, Ye.L.; OBUKHOV, A.V., inzhener, retsenzent; ZHEREBIN, M.I., inzhener, retsenzent; ZELEVICH, P.M., inzhener, redaktor; KHITROV, P.A., tekhnicheskiy redaktor.

[Welding and weld deposition of parts of the upper track structure] Svarka i naplavka detalei verkhnego stroeniia puti. Moskva, Gos. transportnoe zheleznodorozhnoe izd-vo, 1951. 206 p. (MLRA 8:1)
(Railroads--Track) (Electric welding)

ARTEM'YEV, Yu.N., kandidat tekhnicheskikh nauk; ALEKSEYEV, I.A., inzhener; ASTVATSATUROV, G.G., inzhener; BISNOVATYY, S.I., inzhener; BONDARENKO, A.F., inzhener; GURAL'NIK, Ye.L., inzhener; GORBUNOV, M.F., inzhener; ZLATKOVSKIY, A.P., kandidat tekhnicheskikh nauk; KATTS, N.V., inzhener, KITAYEV, A.S., inzhener; KOZLOV, A.M., inzhener; LEONOV, P.T., inzhener; LIVSHITS, L.G., kandidat tekhnicheskikh nauk; LIBERMAN, A.R., inzhener; LINNIK, Ye.M., inzhener; LUKANOV, M.A., inzhener; MOROZOV, S.A., inzhener; POGORELYY, I.P., kandidat tekhnicheskikh nauk; PETROV, S.A., kandidat tekhnicheskikh nauk; PYATETSKIY, B.G., inzhener; RABOCHIY, L.G., kandidat tekhnicheskikh nauk; SELIVANOV, A.I., kandidat tekhnicheskikh nauk; FERBERG, B.S., kandidat tekhnicheskikh nauk; CHISTYAKOV, V.D., inzhener; CHUNIKHIN, V.M., inzhener; SHIRYAYEV, A.I., inzhener; SHCHUPAK, A.D., inzhener; KUCHUMOV, P.S., inzhener, redaktor; PETROV, S.A.; PESTRYAKOV, A.I., redaktor; BALLOD, A.I., tekhnicheskiy redaktor.

[Handbook of equipment for repairing tractors and agricultural machinery] Spravochnik po oborudovaniiu dlia remonta traktorov i sel'skokhoziaistvennykh mashin. Moskva, Gos. izd-vo selkhoz. lit-ry, 1954. 646 p. (MLRA 7:11)

(Tractors--Repairing) (Agricultural machinery--Maintenance and repair)



COZELCIUC, V., ing.; GURAN, E., ing.

Determination of the accumulation volumes necessary to the irrigation developments in small hydrographic basisns with insufficient hydrologic data. Meteorologia hidrol gosp 8 no.3:133-136 '63.

REHAK, P.; LARACH, T.; GURAN, J.

Idiopathic choledochal cysts. Cesk. gastroent. vyz. 19 no.5: 306-312 Jl '65.

1. Chirurgicke oddelenie UNZ v Handlovej (veduci MUDr. P. Rehak).

GURAN, M.

"Coal flotation" by V.L. Klassen. Reviewed by M. Guran.
Studii cerc metalurgie 9 no.2:404-405 '64.

GURAN, M.

TECHNOLOGY

Periodical: REVISTA MINELOR. Vol. 8, no. 12, Dec. 1958.

GURAN, M. Possibilities of automation in the installations of mechanical dressing. p. 545.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

GURAN, M. Cand Tech Sci -- "Search for physicochemical pickups for the automatic control of residual concentration of xanthogenate ions in pulp." Mos, 1960 (Min of Higher and Secondary Specialized Education RSFSR. Krasnoyarsk Inst of Nonferrous Metals im M. I. Kalinin). (KL, 1-61, 193)

GURAN, M.; POL'KIN, S.L.; KHAN, G.A.

Studying the composition of films formed by the interaction of xanthates with the electrode. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 1:33-41 '61. (MIRA 14:2)

1. Krasnoyarskiy institut tsvetnykh metallov, kafedra obogashcheniya poleznykh iskopayemykh.
(Flotation--Equipment and supplies)

GURAN, Marius

Piezoelectricity. St si Teh Buc 14 no. 8:22-23 Ag '62.

1. Polytechnic Institute, Bucharest.

KHAN, G.A.; GURAN, M.; BAULOV, V.I.; SMIRNOV, V.V.

Testing automatic photometric equipment for the continuous measurement of residual xanthate ion concentrations in flotation pulp. TSvet.met. 35 no.8:79-81 Ag '62. (MIRA 15:8)
(Flotation--Equipment and supplies)
(Photometers--Testing)

GURAN, M.

ROMANIA

GURAN, M.

From the Dissertation: Study of the physical-chemical translation factors for the automatic control of the residual concentration of xanthogenate ions in flotation turbidity, made at the Nonferrous Metals Institute in Moscow, under the guidance of the scientific directors Professor Dr S. I. Polkin and Lecturer G. A. Han.

Bucharest, Studii si Cercetari de Metalurgie, No 1, 1963, pp 65-73.

"Study of a Spectro-Photometric Translation Factor for the Automatic Adjustment of the Consumption of Xanthate in Flotation Installations."

(1)

GURAN, M.

Spectral photometric conveying device for automatic regulation of the xanthogenate consumption in flotation dressing installations. Rev Roum metalurg 8 no. 2:243-249 '63.

GURAN, M.,,ing.

Automatic control and adjustment of mechanical dressing works and their economic efficiency. Pt. 1. Rev min 14 no.3:102-107 Mr '63.

GURAN, M., ing.

Control and automatic adjustment in the processing installations. Pt. 2. Rev min 14 no.4:159-171 Ap '63.

GURAN, M., ing.

Study and research centers for ore dressing in France. Rev min 15 no.7:355-362 Jl '64.

GURANDO, N. I. PA 3/50T29

USSR/Engineering - Pipe Lines Jan 48
Turbogenerators

"Experience in Erecting a High-Pressure Pipe Line," N. I. Gurando, Engr, Laureate of Stalin Prize, F. S. Markman, Engr, 2½ pp

"Elek Stants" No 1

Plant consists of two boilers supplying one turbogenerator. Boilers produce 90-100 tons of steam per hour at 90 ats and 495° C of superheat. Turbogenerator gives 35,000 kw at 70 ats and 3,000 rpm. Describes design techniques and features for various types of high-pressure pipe lines. Includes four diagrams and five tables.

3/50T29

GURANOWSKI, Z.

"Sowing fertilizers in a continous operation." (p. 89). NOWE ROLNICTWO (Panstwowe Wydawnichtwo Rolnicze i Lesne) Warszawa, Vol 3, No 1, Jan. 1954.

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

GURANOWSKI, Z.

"Winter pasture land for sheep." (p. 94). NOWE ROLNICTWO (Panstwowe Wydawnichtwo Rolnicze i Lesne) Warszawa, Vol 3, No 1, Jan. 1954.

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

[redacted], A.

"How to avoid mowing by hand."
Nowe Rolnictwo, Warsaw, Vol 3, No 7, July 1954, p. 155

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

GURANOWSKI, Z.

"Should We Fertilize With Nitrogen in the Culture of Barley for Brewing?" From experience in the German Democratic Republic. p. 9
"Subjects of meadow experiments for Michurin Experimental Circles." p. 10
(Plon, Vol, 5, No. 4, Apr. 1954)

Vol. 3, No. 6
SO: Monthly List of East European Accessions,/Library of Congress, June, 1954, Incl.

GUBARI, A.L.; POPPE, K.K.

Practice in the use of aminazine. Vop. psikh. i nevr. no.3:316-329 '58. (MIRA 12:3)

1. Iz III Leningradskoy psikhonevrologicheskoy bol'nitsy.
(PSYCHOSES) (CHLORPROMAZINE)

[illegible]

[illegible] mixtures. Mashinostroenie no.5:23-25 My '65. (MIRA 18:6)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000617410005-7"

GURARI, F.G.

Structural characteristics of the Mesozoic-Cenozoic cover of the West Siberian Plain. Geol.nefti 1 no.8:1-8 Ag '57. (MIRA 10:12)

1.Sibirskiy filial Vsesoyuznogo neftyanogo nauchno-issledovatel'skogo geologo-razvedovhnogo instituta.
(West Siberian Plain--Geology, Structural)

GURARI, F.G.

Genesis of Mesocenozoic structures in the southern regions of the West Siberian Lowland. Dokl.AN SSSR 112 no.1:113-114 Ja '57.
(MLRA 10:2)

1. Predstavleno akademikom N.S.Shatskim.
(Siberia, Western--Geology, Stratigraphic)

MARKEVICH, V.P.; GURARI, F.G.

Stratigraphy of Mesozoic and Tertiary sediments in the West Siberian Plain. Trudy Inst.nefti 9:36-55 '58. (MIRA 12:4)
(West Siberian Plain--Geology, Stratigraphic)

GURARI, F.G.

Origin and classification of Mesozoic and Cenozoic local structures in the West Siberian Plain. Trudy VNIGRI no.124: 7-30 '58. (MIRA 16:7)

(West Siberian Plain--Petroleum geology)
(West Siberian Plain--Gas, Natural--Geology)

GURARI, Fabian Grigor'yevich; KAZARINOV, V.P., nauchnyy red.; KELAREV, L.A., vedushchiy red.; GENNAD'YEVA, I.M., tekhn. red.

[Geology, and oil and gas potentials of the Ob'-Irtysh interfluve] Geologiia i perspektivy neftegazonosnosti Ob'-Irtyshskogo mezhdurech'ia. Leningrad, Gos. nauchno.-tekhn. izd.-vo neft. i gornotoplivnoi lit-ry. Leningr. otd-nie, 1959. 172 p. (Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ia. Trudy, no.3) (MIRA 12:12)

(Ob' Valley--Petroleum geology)
(Ob' Valley--Gas, Natural--Geology)
(Irtysh Valley--Petroleum geology)
(Irtysh Valley--Gas, Natural--Geology)

GURARI, F.G.

Structure of local uplifts in the Mesozoic-Cenozoic cover of the West Siberian Plain. Trudy SNIIGGIMS no.15-10 '59. (MIRA 15:4)
(West Siberian Plain--Geology, Structural)

GURARI, F.G.; USHAKOVA, M.V.

Tertiary stratigraphy of the Ob'-Irtysh interfluve. Trudy SNIIGGIMS no.1:48-54 '59. (MIRA 15:4)
(Ob' Valley--Geology, Stratigraphic)
(Irtysh Valley--Geology, Stratigraphic)

GURARI, F.G.; USHAKOVA, M.V.

Stratigraphy of Tertiary sediments in the Ob'-Irtysh interfluve. Sov.geol. 2 no.7:47-51 Jl '59. (MIRA 13:1)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya (SNIIGIMS).
(Ob' Valley--Geology, Stratigraphic)
(Irtysh Valley--Geology, Stratigraphic)

GURARI, F.G.; KAZARINOV, V.P.; KAS'YANOV, M.V.; NESTEROV, I.I.; ROSTOVTSEV, N.N.; ROVNIN, L.I.; RUDKEVICH, M.Ya.; TROFIMUK, A.A.; ERV'YEV, Yu.G.; MIRONOV, Yu. K.

West Siberian Plain is a new oil and gas production center of the U.S.S.R. Geol.i geofiz. no.10:3-15 '61. (MIRA 14:12)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk, Tyumenskoye territorial'noye geologicheskoye upravleniye i Novosibirskoye territorial'noye geologicheskoye upravleniye.
(West Siberian Plain--Petroleum geology)
(West Siberian--Gas, Natural)

GURARI, F.G.

Young local structures in the platform mantle of the West Siberian Plain. Trudy SNIIGGIMS no.14:26-32 '61. (MIRA 15:8)
(West Siberian Plain—Geology, Structural)

GURARI, F.G.

Paleogeography of the West Siberian Plain in Jurassic-Neocomian time. Trudy SNIIGGIMS no.14:37-45 '61. (MIRA 15:8)
(West Siberian Plain—Paleogeography)

GURARI, F.G.

Prospecting for Mesozoic oil and gas in the West Siberian Plain. Trudy SNIIGGIMS no.17:15-31 '61. (MIRA 15:9)
(West Siberian Plain--Petroleum geology)
(West Siberain Plain--Gas, Natural--Geology)

LEBEDEV, I.V., otv.red.vypuska; KAS'YANOV, M.V., glavnyy red.; GURARI, F.G., zamestitel' glavnogo red.; AMSHINSKIY, N.N., red.; ARUSTAMOV, A.A., red.; DERBIKOV, I.V., red.; KAZARINOV, V.P., red.; KALUGIN, A.S., red.; MALIKOV, B.N., red.; MIKUTSKIY, S.P., red.; ROSTOVTSEV, N.N., red.; SUKHOV, S.V., red.; TESLENKO, Yu.V., red.; UMANTSEV, D.F., red.; SAFRONOVA, I.M., tekhn.red.; RAGINA, G.M., vedushchiy red.

[Biostratigraphy of Mesozoic and Tertiary sedimentsin Western Siberia] Biostratigrafiia mezozoiskikh i tretichnykh otlozhenii Zapadnoi Sibiri. Moskva, Gostoptekhizdat. Vol. 1. 1962. 590 p. Vol. 2. [Atlas of paleontological plates and their explanations] Atlas paleontologicheskikh tablits i ob"iasneniia k nim. 1962. 128 plates. (Its Trudy, no.22). (MIRA 17:4)

GURARI, F.G.; NESTEROV, I.I.; RUDKEVICH, M.Ya.

Stratigraphy of Mesozoic and Cenozoic sediments in the West Siberian Plain. Geol. i geofiz. no.3:3-10 '62. (MIRA 15:7)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Novosibirsk.
(West Siberian Plain--Geology, Stratigraphic)

AKUL'SHINA, Ye.P.; BGATOV, V.I.; GURARI, F.G.; GUROVA, T.I.; DERBIKOV, I.V.; YEGIAKOV, E.A.; KAZANSKIY, Yu.P.; KALUGIN, A.S.; KAS'YANOV, M.V.; KOSOLOBOV, N.I.; KASYGIN, Yu.A.; MIKUTSKIY, S.P.; SAKS, V.N.; TROFIMUK, A.A.; UMANTSEV, D.D.

Professor Vladimir Panteleimonovich Kazarinov; on his 50th birthday. Geol. i geofiz. no.3:122-123 '62. (MIRA 15:7)
(Kazarinov, Vladimir Panteleimonovich, 1912-)

BLIZNICHENKO, S.I.; GURARI, F.G.; DOLININA, T.V.; TRUSHKOVA, L.Ya.

Characteristics of the Lokosovo series in the middle Ob' Valley. Trudy SNIIGGIMS no.26:62-76 '62. (MIRA 16:3)
(Ob' Valley--Petroleum geology) (Ob' Valley--Gas, Natural--Geology)

GURARI, F.G.; ROSTOVTSEV, N.N.; CHOCHIA, N.G.

Concerning the article of N.I.Buialov and others, "Classification of predicted oil and gas reserves and method of rating them." (MIRA 15:2)
Sov.geol. 5 no.2:157-159 F '62.
(Petroleum geology)(Gas,Natural--Geology)
(Buialov,N.I.)

GURARI, F.G.; ZAPIVALOV, N.P.; KONTOROVICH, A.E.; NESTEROV, I.I.; STAVITSKIY, B.P.

Regularities of change in the composition of Mesozoic crudes of the West Siberian Plain. Geol. nefti i gaza 8 no.12:23-27 D '62. (MIRA 18:2)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya.

GURARI, F.G.

Establishing the new Lokosovo series in the Jurassic deposits of the middle Ob' Valley. Dokl. AN SSSR 143 no.1:171-174 Mr '62. (MIRA 15:2)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya. Predstavleno akademikom A.L. Yanshinym.
(Ob' Valley--Geology, Stratigraphic)

GURARI, F. G.

Dissertation defended for the degree of Doctor of Geologo-Mineralogical Sciences at the Joint Academic Council on Geologo-Mineralogical, Geophysical, and Geographical Sciences; Siberian Branch

"Geology and Petroleum Gas Content of Mesozoic and Cenozoic Deposits of the South and Central Parts of the Western Siberian Depression."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

KAZARINOV, V.P., otv.red.vypuska; ROSTOVTSEV, N.N., glavnyy red.; SEGAL', Z.G., vedushchiy red.; GURARI, F.G., zamestitel' glavnogo red.; AMSHINSKIY, N.N., red.; DERBIKOV, I.V., red.; KALUGIN, A.S., red.; MALIKOV, B.N., red.; MIKUTSKIY, S.P., red.; SUKHOV, S.V., red.; TESLENKO, Yu.V., red.; UMANTSEV, D.F., red.; GAVRILOVA, N.V., red.; SAFRONOVA, I.M., tekhn. red.

[Geology and prospects for finding oil and gas in the northwestern part of the Siberian Platform.] Geologicheskoe stroenie i perspektivy neftegazonosnosti severo-zapada Sibirskoi platformy. Leningrad, Gostoptekhizdat, 1963. 183 p. [Trudy Sibirskogo nauchno-issledovatel'skogo instituta geologii, geofiziki i mineral'nogo syr'ya, no.28.] (MIRA 16:11)

GURARI, F.G.; KAZARINOV, V.P.; MIRONOV, Yu.K.; NALIVKIN, V.D.; NESTEROV, I.I.; OSYKO, T.I.; ROVNIN, L.I.; ROSTOVTSEV, N.N.; RUDKEVICH, M.Ya.; SIMONENKO, T.N.; SOKOLOV, V.N.; TROFIMUK, A.A.; CHOCHIA, N.G.; ERV'YE, Yu.G.; OMBYSH-KUZNETSOV, S.O., red.; LOKSHINA, O.A., tekhn.red.

[Geology and oil and gas potentials of the West Siberian Plain, a new tank farm of the U.S.S.R.] Geologiia i neftegazonosnost' Zapadno-Sibirskoi nizmennosti-novoi neftianoi bazy SSSR. Novosibirsk, Izd-vo Sibirskogo otd-niia, 1963. 199 p. (MIRA 17:1)

[illegible], S. S.; MIRONOV, Yu. K.; NESTEROV, I. I.; ROVNIN, L. I.; ROSTOVTSEV, N. N.; RULKEVICH, M. Ya.; ERV'YE, Yu. G.

"Oil and gas deposits of the West Siberian lowland."

report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 14-22 Dec 1964.

BOGOMYAKOV, G.P.; GURARI, F.G.; KAZAKOV, D.Ye.; MIRONOV, Yu.K.; NESTEROV, I.I.; ROZHOK, N.G.; ROVNIN, L.I.; ROSTOVTSEV, N.N.; RUDKEVICH, M.Ya.; TSIBULIN, L.G.; ERV'YE, Yu.G.

Prospecting for oil and gas in the West Siberian Plain. Geol. nefti i gaza 8 no.9:43-48 S '64. (MIRA 17:11)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Tyumenskoye geologicheskoye upravleniye i Novosibirskoye territorial'noye geologicheskoye upravleniye.

SIDORENKO, A.V., glav. red.; ROSTOVTSEV, N.N., red.; GURARI, F.G., red.; YEGOROV, S.V., red.

[Geology of the U.S.S.R.] Geologiia SSSR. Moskva, Nedra. Vol. 44. 1964. 275 p. (MIRA 18:9)

GURARI, F.G.; BLIZNICHENKO, S.I.

Nizhne-Vartovskoye arch, a large zone of oil and gas accumulation. Geol. nefti i gaza 8 no.8:8-14 Ag '64.
(MIRA 17:8)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya.

L 20593-66 EWT(1) GS/GW

ACC NR: AT5028972 SOURCE CODE: UR/0000/64/000/000/0244/0259

AUTHOR: Gurari, F. G.; Mironov, Yu. K.; Nesterov, I. I.; Rovnin, L. I.; Rostovtsev, N. N.; Rudkevich, M. Ya.; Erv'ye, Yu. G.

47
B+1

ORG: none

TITLE: Oil and gas deposits of the west Siberian lowland

SOURCE: International Geological Congress. 22d, New Delhi, 1964. Geologiya nefti (Petroleum geology). Moscow, Izd-vo "Nauka," 1964, 244-259

TOPIC TAGS: geology, physical geology, natural gas, petroleum, fuel, seismology

ABSTRACT: The West Siberian lowland is a gigantic intraplatform depression of about 3.4 million square kilometers. There are two structural stages in its basement. The lower (first) stage is built up of folded structure consolidated in different ages—from Archean to Hercynian. The upper (second) stage is composed of slightly dislocated parageosynclinal Early Mesozoic and Paleozoic deposits which fill up intermontane depressions and form undulated nappes. The cover of the platform is constructed of thick (up to 4000—5000 meters) series of Meso-Cenozoic sandy-clay rocks. In the rocks of the second tectonic stage of the basement numerous oil and gas shows are known, but structural complexity and the great depths at which oil and gas occur make prospecting very difficult. It is usually done together with studies of oil and gas deposits in the platform mantle, which is considered to be

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the most promising oil- and gas-bearing formation. Within the West Siberian lowland two areas with different modes of mantle deposit occurence are distinguished: the outer, with the basement lying at a depth of 2000 meters or less, and the inner, from 2000 to 4000—5000 meters deep. The outer area is characterized by nose-type highs sinking towards the center of the platform. The inner area is characterized by domination of closed structures. A great number of local elevations complicating larger structures is observed within both areas. All of them are very gentle (angle of flanks from 1° to 3°), with the base protrusion high in the core, noticeably flattening out or passing into structural noses or monoclines in the upper horizons of the mantle. Rhythmical alternation of thick, mainly sand-silt series with essentially clay series is characteristic of the mantle deposits. Almost all Jurassic and Lower Cretaceous sand-silt series are regionally petroliferous. In the section the following stratigraphic units are distinguished through productive deposits: 1) The Zavadoukovski clay-silt-sand series of Early-Middle Jurassic partly of Callovian age, up to 1500 meters thick, characterized by a great diversity of facies including continental deposits of various types—littoral, and, less frequently, marine deposits. Numerous small oil inflows and gas outbursts of short duration were obtained from sandstones of the Zavodoukovski series in the central part of the platform. The small Unst-Silga gas condensate field in the northern part of the Tomsk region is confined to this series. 2) The Maryanovka suite of black highly bituminous argillites, up to 100 meters thick, of Late Jurassic, partly Valanginian-Hauterivian age. Its base consists of a series of basal sandstones unpersistent in the strike, with numerous oil and gas shows. In the western Ural

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regions of the lowland, where these sandstones directly overlie the basement rocks and are up to 100 meters thick, 16 gas fields and 3 oil fields have been discovered. 3) The Kulomsino suite represented mainly by Valanginian clay rocks, passing in the northwest into the Alyaska suite of Valanginian-Hauterivian age. In the central regions of the lowland numerous oil shows and two oil fields have been revealed in the sandstones of the upper part of this formation. There are essentially sandstone deposits of the Tara (Upper Valanginian-Lower Hauterivian) and Varta (Hauterivian-Barremian) suites further up, which are the main productive formations in the central and northern regions of the lowland. Three oil fields and two gas fields, including large ones, have been discovered there. In the overlying Cretaceous, Paleogene, and Neogene sandy-clay deposits no oil or gas field is known. In the Okhteurevsk area a subcommercial gas spout has been obtained from Senonian sandstones. Oil and gas shows in Cretaceous deposits have been observed in a number of wells. Geochemical investigations have shown that the content of organic carbon and bitumen increases from marginal zones toward the centre of the lowland in all productive strata of Jurassic and Lower Cretaceous age. The degree of bitumen reduction rises, and the degree of oil hypergenesis decreases in the same direction. The degree of mineralization and metamorphism of underground waters also rises from the marginal zones to the center of the lowland. A deviation from normal is observed in the Surgut district, where the degree of mineralization of Jurassic and Lower Cretaceous waters is reduced, and Neocomian oils have undergone considerable cryptohypergenesis. A study of oil and gas reservoirs in Jurassic and Lower Cretaceous deposits has shown deterioration of their properties from the marginal

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ACC NR: AT5028972

zones of the lowland towards its central regions. At the same time it has been established that paleotectonic conditions greatly affect the properties of reservoirs in Neocomian deposits. The thickest, highly permeable sand beds overlay arches of large consedigenous uplifts. A map of supposed oil and gas reserves on the West Siberian platform has been prepared, based on the results of an analysis of the data available on facial characteristics of rocks, hydrogeology, reservoir properties, geochemistry, distribution of the already known oil and gas fields and shows, etc. The central and northern regions of the lowland are the most promising areas. The data available indicate that the West Siberian lowland is one of the world's new oil and gas provinces. Orig. art. has: 3 figures. [Author's abstract.]

SUB CODE: 08/ SUBM DATE: 21Nov64/

Card 4/4 ULR

TUYEZOVA, Nina Aleksandrovna; Prinimali u[illegible]astiye: DEMINA, R.G.; BRYUZGINA, N.I.; ROSTOVTSEV, N.N., glavnyy red.; GURARI, F.G., zamestitel' glavnogo red.; UMANTSEV, D.F., red.; DERBIKOV, I.F., red.; KAZARINOV, V.P., red.; KALUGIN, A.S., red.; KOLOBKOV, M.N., red.; MALIKOV, B.N., red.; MIKUTSKIY, S.P., red.; BOTVINNIKOV, V.I., red.; BUDNIKOV, V.I., red.; BOGOMYAKOV, G.P., red.; SURKOV, V.S., red.; SUKHOV, S.V., red.; BOCHAROVA, N.I., red.

[Physical properties of rocks in the West Siberian Plain.] Fizicheskie svoistva gornykh porod Zapadno-Sibirskoi nizmennosti. Moskva, Nedra, 1964. 127 p. (Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ia. Trudy, no.31). (MIRA 18:7)

ALADYSHKIN, A.S.; VASIL'KOVSKIY, N.P.; VINKMAN, M.K.; GINTSINGER, A.B.; GURARI, F.G.; KARPINSKIY, R.B.; KRASIL'NIKOV, B.N.; KRASNOV, V.I.; KRIVENKO, A.P.; LUCHITSKIY, I.V.; PAN, F.Ya.; PETROV, P.A.; POSPELOV, G.L.; SENNIKOV, V.M.; CHAIRKIN, V.M.; SHCHEGLOV, A.P.

In memory of Andrei Aleksandrovich Predtechenskii, 1909-1964. Geol. i geofiz. no.4:197-199 '65. (MIRA 18:8)

GUBARI, G.D.

[Problems and courses of technical progress in industry in the U.S.S.R.] Zadachi i puti tekhnicheskogo progressa v promyshlennosti SSSR. Leningrad, 1954. 43 p. (MLRA 8:1)
(Technology) (Efficiency, Industrial)

GOLAND, Lev Aronovich

A view of the stamping of [illegible]. Elektroenergiia 15 no.10:[illegible] O '62.

GURARI, M.D. (Moskva)

Designing roofs to be built using crossbeams and crossgirders.
Stroi. mekh. i rasch. soor. 2 no. 2:42-46 '60. (MIRA 14:5)
(Girders) (Roofs)

BALDIN, V.A.; TARANOVSKIY, S.V., prof., doktor tekhn.nauk; KHOKHARIN, A.Kh., kand.tekhn.nauk; BROUDE, B.M., doktor tekhn.nauk; CHUVIKIN, G.M., kand.tekhn.nauk; GURARI, M.D., inzh. [deceased]; LOKSHIN, Ye.E., kand.tekhn.nauk; KOVAL'CHUK, M.F., inzh., red.; STRASHNYKH, V.P., red.izd-va; RYAZANOV, P.Ye., tekhn.red.

[Technical specifications SN 113-60 for designing elements made of aluminum alloys] Tekhnicheskie usloviia proektirovaniia konstruktsii iz aliuminievykh splavov, SN 113-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 86 p. (MIRA 14:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. TSentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh konstruktsiy Akademii stroitel'stva i arkhitektury SSSR (for Taranovskiy, Khokharin, Broude, Chuvikin). 3. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Baldin). 4. Gosudarstvennyy proyektnyy institut Proyektstal'konstruktsiya Glavstroyproyekta pri Gosstroye SSSR (for Gurari, Lokshin).
(Aluminum alloys)

GURARI, N. G.
25568

Apparat Dlya Ispytaiya Metallov Na Korroziyu Pri Periodicheskom Pogruzhenii V Zhidkostb.
V. SB: Korroziya, Zashchita Ot Korrozii i Elektroliz.
M., 1948, S. 173-78.

SO: LETOPIS NO. 30, 1948

GRINBERG, T., GURARI, N.

Slaughtering and slaughterhouses

Automatic swing for suspending cattle carcasses for bleeding. Mias. ind. SSSR 23 no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952, Uncl.

1. GORBATOV, V.; Eng; GURARI, N. : YAKOVIEV, V.

2. USSR (600)

4. Slaughtering and slaughterhouses

7. Automatic electric device for stunning livestock. Mias. Ind. SSSR 23, no.5., 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

1. GRINBERG, T.; GURARI, N., eng.

2. USSR (600)

4. Slaughtering and Slaughterhouses

7. New design for a lock for automatic slaughtering pens. Mias. ind. SSSR. No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

GRINBERG, T.; GURARI, N.

L-1-1000 electric dressing line winch. Mias.ind.SSSR 25 no.1:34-38 '54. (MLRA 7:3)

1. Gipromyasomolprom. (Meat industry) (Conveying machinery)

GUHARI, N., inzhener

Lifting platform for the dressing section. Miasn.ind SSSR 26 no.2:6-7 '55. (MLRA 8:7)

1. Gipromyasso. (Slaughtering and Slaughterhouses--Equipment and supplies) (Hoisting machinery)

LIPATOV, D., kandidat tekhnicheskikh nauk; BURMIN, L., inzhener; GURARI, N., inzhener.

Electric shaft drive for conveyer system. Mias.ind.SSSR 26 no.6:16-20 '55. (Conveying machinery) (MLRA 9:2)

GRINBERG, T.D.; GURARI, N.G.; SINITSYN, K.D.; KASHIRINA, V.M., retsenzent; VASIL'YEVA, G.N., red.; YAROV, E.M., tekhn.red.

[Mechanization of conveying in raw materials sections of sausage and meat canning plants] Mekhanizatsiia transportnykh operatsii v syr'evykh tsekhakh kolbasnogo i konservnogo proizvodstva. Moskva, Pishchepromizdat, 1956. 50 p. (MIRA 12:1)
(Meat industry--Equipment and supplies)
(Conveying machinery)

GURARI, Natan Grigor'yevich; ALEKSANDROV, M.P., dotsent, kandidat tekhnicheskikh nauk, retsenzent; FALEYEV, G.A., inzhener, retsenzent; DEDUKH, V.A., inzhener, spetsredaktor; IVANOVA, N.M., redaktor; GOTLIB, E.M., tekhnicheskiy redaktor

[Hoisting and transporting equipment in the meat and dairy industry] Pod"emno-transportnoe oborudovanie miasnoi i molochnoi promyshlennosti. Moskva, Pishchepromizdat. Pt.1. [Load-lifting machines and elevators] Gruzopod"emnye mashiny i elevatory. 1956. 192 p.
(Hoisting machinery) (MLRA 10:1)

GURARI, N., inzhener.

L-2-1000 electrical overhead winch. Mias.ind.SSSR 27 no.1: 24-25 '56. (MLRA 9:6)

1.Gipromyasso.
(Packing houses--Equipment and supplies)(Hoisting machinery)

GUBARI, N., inzhener.

Modern electric winch and conveyers in meat combines. Mias.ind. SSSR 27 no.6:15-17 '56. (MLRA 10:2)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy myasnoy promyshlennosti.
(Conveying machinery) (Winches)

GURARI, N., inzh.

Equipment for transporting and storing powdered and granular food products (from "British packer," no. 12 1956; "Food Manufacture, Je 1957). Mias. ind. SSSR 29 no.1:60-62 '58. (MIRA 11:3)
(Containers) (Food--Storage)

GURARI, N., inzh.; NIKITIN, R.

Screw conveyer for meat cuts. Miss. ind. SSSR 29 no. 4:9-10 '58.
(MIRA 11:8)

1. Gipromyaso.
(Packing houses--Equipment and supplies)
(Conveying machinery)

GURARI, N., inzh.

Mechanization of the transprotation of raw product within one-story sausage factories. Mias.ind.SSSR 30 no.6:7-10 '59.
(MIRA 13:4)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy myasnoy promyshlennosti (Gipromyaso).
(Sausages)

GURARI, N., inzh.; ARANOVICH, L., inzh.

"Ostankino P-8", automatic meat stuffing machinery for making dumplings. Mias.ind.SSSR 31 no.1:10-12 '60. (MIRA 13:5)

1. Gipromyaso.
(Moscow--Packing houses--Equipment and supplies)

GURARI, N.G.

The PM-15 mobile slaughterhouses. Biul.tekh.-ekon.inform. no.2:51-52 '60. (MIRA 13:6)
(Slaughtering and slaughterhouses)

GURARI, N.G.; UR'YASH, B.F.

[Mechanization of flaying in meat packing plants] Mekhanizatsiia s"emki shkur na miasokombinatakh. Moskva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1963. 98 p. (MIRA 17:7)

GURARI, N.G.; YEMEL'YANOV, Yu.V.

[Mechanization of carcass splitting] Mekhanizatsiia raspilovki tush. Moskva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1963. 72 p.
(MIRA 18:7)

GURARI, YA.

Problems on the Khavuz Layers in the DMP (State Mining Enterprise) "Marishki Baseyn." Minno Delo (Mining), #12:21:Dec 54

GURARI, Ye. I. (Candidate of Economic Sciences)

"Some Questions on the Presentation of Industries in Economic School Maps," Issledovaniya po Kartografii (Research in Cartography), Moscow, Geodezizdat, 1957. 97 p. (Its: Trudy, vyp. 117) 1,700 copies printed.

The author discusses the difficulties connected with the presentation of any large concentration of industrial activities e. g. (the Ruhr, Lancashire, etc) in a small area without omitting some of the activities. The author suggests making two or more maps of the same area and illustrates this with the example of Lodz. He also suggests some symbols to be used for such a map; these symbols are shown on several maps drawn by the author, among them a general economic map of Moravia. The author believes that the lack of adequate information on potential industrial resources, such as the possibilities for power development or the existence of unexploited mineral wealth is one of the major defects of all present-day economic school maps. In his opinion potential industrial resources shoudl be included in school maps on economic conditions in a given area. There are 7 maps and 1 Soviet reference.

PA 196T66

GURARI, Ye. L.

USSR/Geophysics - Geography, France Mar/Apr 51

"New Winds in French Geography," P. M. Alampiyev, Ye. L. Gurari

"Iz Ak Nauk, Ser Geog" No 2, pp 41-48

French progressive scientists fight to liberate geography from bourgeois grasp. Jean Canale and Jean Dresch publish articles in "La Nouvelle Critique" No 15, 1950, and in "La Pensee" No 31, 1950; No 26, 1950; No 18, 1948. French school was outlined in an article by I. A. Vitver ("Uchenyye Zapiski MGU" No 35, "Geografiya," 1940) and by S. F. Biske "Iz v-s Geogra Obshch" No 3, 1947.

196T66

AVRAAMOVA,A.A.; ALAMPIYEV,P.M.; BADIR'YAN,G.G.; BORODIN,I.A.; VASYUTIN, V.F.; GUBER,A.A.; GURARI,Ye.L.; DANILOV,A.D.; DEMEVYANKO,P.A.; YELSUKOV,M.P.; KOLOSKOV,P.I.; LAPTEV,I.D.; LEONT'YEV,N.F.; PECHNIKOV,A.M.; PROKHOROV,A.I.; RUDENKO,N.A.; CHERDANTSEV,G.N.; YAKIMOV,A.T.

P.V.Pogorel'skii; Obituary. Izv.AN SSSR. Ser.geog. no.3:94-95 My-Je '55.

(Pogorel'skii, P.V., 1899-1955) (MLRA 8:9)

ALAMPIYEV, P.M.; BYUSHGENS, L.M.; GURARI, Ye.L.

"Oxford regional economic atlas: The U.S.S.R. and Eastern Europe."
Reviewed by P.M.Alampiev, L.M.Biushgens, E.L.Gurari. Izv.AN SSSR.
Ser. geog. no.4:128-135 Jl-Ag '56. (MLRA 9:10)
(Russia--Economic conditions) (Europe, Eastern--Economic conditions)

ALAMPIYEV, P.M.; APENCHENKO, V.S.; BEKOVA, T.N.; BYUSHGENS, L.M.; GINZBURG, G.Z.; GORDONOV, L.Sh.; GRIGOR'YEV, A.A., akademik; GURARI, Ye.L.; DANILOV, A.D.; DEMIN, L.A.; DOBROV, A.S.; SHIRMUNSKIY, M.M.; KULAGIN, G.D.; MILEYKOVSKIY, A.G.; MURZAYEV, E.M.; PAVLOV, V.V.; POPOV, K.M.; YANITSKIY, N.F.

Lev IAkovlevich Ziman, 1900-1956; obituary. Izv. AN SSSR.Ser.geog. no.6:153-154 N-D '56. (MLRA 10:1)
(Ziman, Lev IAkovlevich, 1900-1956)

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Tsentral'nyy nauchno-issledovatel'skiy institut geodezii, aeros"yemki i kartografii.

Issledovaniya po kartografii (Research in Cartography) Moscow, Geodezizdat, 1957. 97 p. (Its: Trudy, vyp. 117) 1,700 copies printed.

SPONSORING AGENCY: Glavnoye upravleniye geodezii i kartografii MVD SSR.

Ed.: Bashlavina, G. N.; Tech. Ed.: Romanova, V. V.; Ed. of Publishing House: Shamarova, T. A.

PURPOSE: This collection of articles is intended to inform the general reader and the specialist of the latest achievements in map making and to suggest some new ideas and improvements.

COVERAGE: See Table of Contents

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TABLE OF CONTENTS:

The author recapitulates the history of agricultural map making in Russia and mentions a few recent maps of some merit (among them those made by Cherdantsev, G. N., Frolov, N. S., and Rakitnikov, A. N.). In connection with the establishment of the economic regions, the author believes that new tasks are imposed upon Soviet map makers. Thus far, however, no outstanding agricultural maps have been made. The author discusses two attempts which deserve some attention. Academician Nemchinov, V. S., and others prepared a map of agricultural conditions and outlined 18 typical regions. The map appeared in the 1955, Nr 4 issue of Planovoye Khozyaystvo. The defect of this map is in its graphical presentation, since the map does not bring out the specialization of each of the 18 regions. Another map discussed in the article is the standard large-scale wall map used in schools since 1952. This map divides the Union into 21 typical farm zones.

The author makes numerous suggestions on how best to present an agricultural map and outlines 33 typical farm and animal husbandry regions, although the regions are not outlined with respect to any definite geographical areas. There are no diagrams or references.

Gurari, Ye. I., Candidate of Economic Sciences. Some Questions on the Presentation of Industries in Economic School Maps 21

The author discusses the difficulties connected with the presentation of any large concentration of industrial activities e.g.(the Ruhr, Lancashire, etc) in a small area without omitting some of the activities. The author suggests making two or more maps of the same area and illustrates this with the example of Łódź. He also suggests some symbols to be used for such a map; these symbols are shown on several maps drawn by the author, among them a general economic map of Moravia. The author believes that the lack of adequate information on potential industrial resources, such as the possibilities for power development or the existence of unexploited mineral wealth is one of the major defects of all present-day economic school maps. In his opinion potential industrial resources should be included in school maps on economic conditions in a given area. There are 7 maps and 1 Soviet reference.

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Kel'ner, Yu. G., Candidate of Geographical Sciences; Lozinova, V. M. Candidate of Technical Sciences; Naumova, A. I. Experiments in Making Composite Physicogeographic Maps of the USSR for Use in Schools of Higher Learning 39

The author emphasizes the importance for schools of higher learning, of composite landscape maps, i.e. maps showing all the topographic features of the given region. As an example, the author describes the map "Prirodnyye usloviya SSSR," scale 1:4,000,000, intended to show natural conditions of the country as a whole. This map was prepared in 1950-53 in the Cartographic division of the Central Scientific Research Institute of Geodesy, Aerial Photography and Cartography. In 1943-47, the study and preparation of composite maps in the Institute of Geography of the Academy of Sciences was led by Gerasimov, I. P. and Lavrenko, Ye. M. Analytical landscape maps were also complied by students of Moscow and Leningrad Universities. The author commends Ivanov, N. N. for introducing a better method of showing the amount of humidity in a given area by using different colors. The article contains suggestions on how to deal with various types of vegetation (e.g., coniferous forests) and with phenomena like drainage or evaporation in the preparation of a composite map. There are 18 drawings and 8 Soviet references.

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Karpov, N. S., Candidate of Technical Sciences. Contemporary Foreign School Atlases 57

The article surveys a number of atlases published outside of the Soviet Union. It does not, however, discuss each individual atlas. The article is divided into chapters, each dealing with one particular aspect of atlas making, such as the utilization of space, the gazetteer, the projections and scales, the system used in compiling the atlas illustrations, etc. There are 29 titles of foreign atlases, of which one half refer to the Soviet satellites and China. There are no diagrams. The article praises foreign atlases for presentation and for richness of pictorial material.